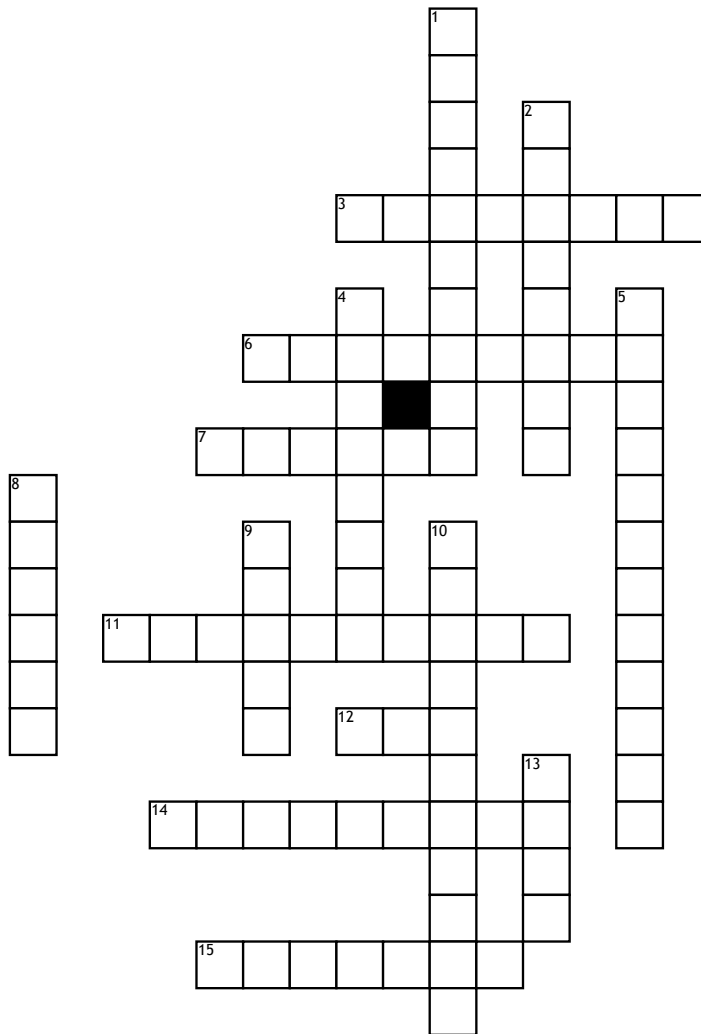


Genetic Vocabulary Crossword



Across

3. a trait that will appear in the offspring if one of the parents contributes it

6. the set of observable characteristics of an individual resulting from the interaction of its genotype with the environment

7. one of two or more alternative forms of a gene that arise by mutation and are found at the same place on a chromosome

11. If an organism has two copies of the same allele

12. the hereditary material in humans and almost all other organisms

14. a trait that must be contributed by both parents in order to appear in the offspring

15. a diagram that is used to predict an outcome of a particular cross or breeding experiment

Down

1. a threadlike structure of nucleic acids and protein found in the nucleus of most living cells, carrying genetic information in the form of genes

2. your complete heritable genetic identity

4. the passing on of physical or mental characteristics genetically from one generation to another

5. If the organism has one copy of two different alleles

8. an organism that is the offspring of genetically dissimilar parents or stock; especially offspring produced by breeding plants or animals of different varieties or breeds or species

9. The deliberate breeding of two different individuals that results in offspring that carry part of the genetic material of each parent

10. the extent to which something is probable; the likelihood of something happening or being the case

13. a unit of heredity that is transferred from a parent to offspring and is held to determine some characteristic of the offspring

Word Bank

DNA

Gene

Recessive

Cross

Dominant

Probability

Hybrid

Genotype

Phenotype

Homozygous

Heredity

Chromosome

Heterozygous

Punnett

Allele